CLAIMS

- Amethod of treating a behavioral disorder, comprising administering
 an effective amount of
- (E) -8-(3,4-dimethoxystyryl)-1,3-diethyl-7-methylxanthine or a pharmaceutically acceptable salt thereof to a patient in need thereof.
- 2. Use of (E)-8-(3,4-dimethoxystyryl)-1,3-diethyl-7-methylxanthine or a pharmaceutically acceptable salt thereof for manufacturing a therapeutic agent for the treatment of a behavioral disorder.
- 3. A therapeutic agent for a behavioral disorder comprising (E) -8-(3,4-dimethoxystyryl)-1,3-diethyl-7-methylxanthine or a pharmaceutically acceptable salt thereof.
- 4. The method of treating a behavioral disorder according to claim 1, wherein the behavioral disorder is attention deficit hyperactivity disorder.
- 5. The use according to claim 2, wherein the behavioral disorder is attention deficit hyperactivity disorder.
- 6. The therapeutic agent for treating a behavioral disorder according to claim 3, wherein the behavioral disorder is attention deficit hyperactivity disorder.
- 7. The method of treating a behavioral disorder according to claim 1, wherein the behavioral disorder is Tic/Tourette's disorder.
- 8. The use according to claim 2, wherein the behavioral disorder is Tic/Tourette's disorder.
- 9. The therapeutic agent for treating a behavioral disorder according

to claim 3, wherein the behavioral disorder is Tic/Tourette's disorder.